

First Hit

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PUB-NO: JP359059624A

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TITLE: PREPARATION OF ANTIDIABETIC AGENT

PUBN-DATE: April 5, 1984

## INVENTOR-INFORMATION:

NAME

COUNTRY

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INT-CL (IPC): A61K 35/78

## ABSTRACT:

PURPOSE: To obtain the titled extraction fraction and extract useful as an antidiabetic agent free from side effects, in high purity, by extracting the corns of hop with a specific extractant, and evaporating the extraction solvent to dryness.

CONSTITUTION: The corns of hop are extracted with an alcohol, the alcohol is distilled off, the residue is extracted with ether, the ether is distilled off, the residue is further extracted with alcohol, the alcohol is distilled off, and the residue is extracted with n-hexane. The treated residue is separated into n-hexane-soluble fraction and the insoluble fraction. n-Hexane is distilled off from the n-hexane-soluble fraction to obtain the objective active component. Other active component of antidiabetic agent can also be obtained from the n-hexane-insoluble fraction. The ingredient components which do not participate in the antidiabetic action can be removed from hop by the above extraction treatment with the extraction solvent, and a fraction having strong durg action can be obtained. The component is an antidiabetic agent of a new type free from hypoglycemic phenomenon and the increase in the lactic acid level in blood.

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